

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) An electrical heating cable comprising at least two power supply conductors extending along the length of the cable and at least one heating element which extends along the cable and between the two conductors, and connected in parallel between the conductors, wherein at least one of the conductors is encased in a sheath of material which has a positive temperature coefficient and the heating element is in electrical contact with the outer surface of the sheath such that the sheath is electrically connected in series between each heating element and the conductor encased by the sheath.
2. (Original) An electrical heating cable according to claim 1, wherein said heating element comprises a heating wire which extends along the cable and between the two conductors so as to define a series of heating elements connected in parallel between the conductor.
3. (Currently Amended) An electrical heating cable according to claim 2, comprising a first conductor encased in a first sheath, a second conductor encased in a second sheath manufactured from a material with a positive temperature coefficient, a third sheath encasing the first and second sheaths, and a heating wire ~~round~~ wound around the third sheath, portions of the third sheath being removed to cause the heating wire to contact the second sheath.
4. (Original) An electrical heating cable according to claim 3, wherein the first sheath is electrically insulating and is in contact with the second sheath, portions of the first and third sheaths being removed to cause the heating wire to contact the first conductor.

5. (Original) An electrical heating cable according to claim 1, wherein the heating element comprises a semi-conductor.

6. (Canceled)

7. (New) An electrical heating cable according to claim 1, wherein the heating element comprises a material which has a positive temperature coefficient.

8. (New) An electrical heating cable according to claim 7, wherein the positive temperature coefficient of the heating element and the positive temperature coefficient of the sheath of material are selected such that the cable is self-regulating up to a predetermined temperature at which it self-limits.

9. (New) An electrical heating cable according to claim 1, wherein the heating element comprises a material which has a negative temperature coefficient.